

Message

From: Libelo, Laurence [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DA33642E6438407DAF4C35AFE870046B-LIBELO, LAURENCE]
Sent: 6/26/2017 6:54:17 PM
To: Lynch, David [Lynch.David@epa.gov]
Subject: FW: GenX

From: Tobias, David
Sent: Monday, June 26, 2017 2:23 PM
To: Libelo, Laurence <Libelo.Laurence@epa.gov>
Subject: FW: GenX

David A. Tobias
202.564.8534
6334 P - WJC East
Risk Assessment Division (RAD)
Office of Pollution Prevention and Toxics (OPPT)
My office hours : 8:30 am - 5:00 pm

From: Libelo, Laurence
Sent: Monday, June 19, 2017 10:55 AM
To: Tobias, David <Tobias.David@epa.gov>; Schechter, Kathryn <Schechter.Kathryn@epa.gov>; Roberts, Justin <Roberts.Justin@epa.gov>
Subject: RE: GenX

There are lot of patents aimed at limiting degradation by lewis acids and other mechanisms. Degradation happens but the science is very thin.

For example –

<http://www.google.com/patents/US5990176> is a patent for a medical gas designed to limit lewis acid degradation.

From: Tobias, David
Sent: Monday, June 19, 2017 10:39 AM
To: Schechter, Kathryn <Schechter.Kathryn@epa.gov>; Libelo, Laurence <Libelo.Laurence@epa.gov>; Roberts, Justin <Roberts.Justin@epa.gov>
Subject: RE: GenX

Could you send them on the CBI side?

Are there a lot...

David A. Tobias
202.564.8534
6334 P - WJC East
Risk Assessment Division (RAD)
Office of Pollution Prevention and Toxics (OPPT)
My office hours : 8:30 am - 5:00 pm

From: Schechter, Kathryn
Sent: Monday, June 19, 2017 9:53 AM
To: Libelo, Laurence <Libelo.Laurence@epa.gov>; Tobias, David <Tobias.David@epa.gov>; Roberts, Justin <Roberts.Justin@epa.gov>
Subject: RE: GenX

We do have other submissions that could possibly degrade to the product (or at least the free acid)

From: Libelo, Laurence
Sent: Monday, June 19, 2017 9:28 AM
To: Tobias, David <Tobias.David@epa.gov>; Roberts, Justin <Roberts.Justin@epa.gov>
Cc: Schechter, Kathryn <Schechter.Kathryn@epa.gov>
Subject: RE: GenX

Ex. 5 - Deliberative Process

Chemours makes lots of perfluoroethers. Some are longer monomers. We might want to see what else they have on the inventory and what they make in NC>

https://www.chemours.com/FluoroIntermediates/en_US/products/index.html

From: Tobias, David
Sent: Monday, June 19, 2017 9:24 AM
To: Libelo, Laurence <Libelo.Laurence@epa.gov>; Schweer, Greg <Schweer.Greg@epa.gov>; Roberts, Justin <Roberts.Justin@epa.gov>
Cc: Allison, Rose <Allison.Rose@epa.gov>; Schechter, Kathryn <Schechter.Kathryn@epa.gov>
Subject: RE: GenX

Hello Greg

Do you mean environmentally degraded? It would have to be rapidly enough to release many kilograms per day (on average 6 kg, some days more), so it would have to mean there is a lot of nearby perfluoro ether contamination. As Laurence points out there could be environmental sources – but probably start with the factory for finding the source.

Ex. 5 - Deliberative Process

David A. Tobias
202.564.8534
6334 P - WJC East
Risk Assessment Division (RAD)
Office of Pollution Prevention and Toxics (OPPT)
My office hours : 8:30 am - 5:00 pm

From: Libelo, Laurence
Sent: Monday, June 19, 2017 8:55 AM
To: Schweer, Greg <Schweer.Greg@epa.gov>; Tobias, David <Tobias.David@epa.gov>; Roberts, Justin

<Roberts.Justin@epa.gov>

Cc: Allison, Rose <Allison.Rose@epa.gov>

Subject: RE: GenX

Greg,

Ex. 5 - Deliberative Process

David and Justin, What do you think.

Ng et al 1995

<http://pubs.acs.org/doi/pdf/10.1021/la00001a024>

From: Schweer, Greg

Sent: Monday, June 19, 2017 8:00 AM

To: Lynch, David <Lynch.David@epa.gov>; Libelo, Laurence <Libelo.Laurence@epa.gov>

Cc: Allison, Rose <Allison.Rose@epa.gov>

Subject: Fwd: GenX

David and Laurence,

Do you think that perfluoropropyl vinyl ether (PPVE) (CAS 1623-05-8) can be degraded to GenX (CAS 62037-80-3)?

ent from my iPhone

Begin forwarded message:

From: Schweer.Greg@epa.gov

Date: June 18, 2017 at 12:02:50 PM EDT

To: "Doa, Maria" <Doa.Maria@epa.gov>

Cc: "Wolf, Joel" <Wolf.Joel@epa.gov>

Subject: Re: GenX

Maria and Joel,

I checked the Inventory. PPVE is on the public inventory and did NOT come in as a PMN. The CAS number is 1623-05-8. Would be interesting to see what CD-R has about PPVE.

I will ask Dave L. and Laurence on Monday what they think about this proposed degradation pathway.

Sent from my iPhone

On Jun 16, 2017, at 10:35 PM, Doa, Maria <Doa.Maria@epa.gov> wrote:

Greg,

Ex. 5 - Deliberative Process

Joel,

It also can be an example for the reg neg.

Maria J. Doa, Ph.D.

Director

Chemical Control Division

Office of Chemical Safety and Pollution Prevention

U.S. Environmental Protection Agency